

# SEQUENCE LISTING

<110> Allen, Keith D.

<120> TRANSGENIC MICE CONTAINING  
POLYCYSTIN-RELATED GENE DISRUPTIONS

<130> R-325

<150> US 60/256,201

<151> 2000-12-13

<150> US 60/250,999

<151> 2000-12-04

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<212> DNA

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 35 40 45  
 Met Val Asn Pro His Met Tyr Tyr Leu Asn Lys Val Met Ser Ser Leu  
 50 55 60  
 Phe Val Asp Thr Ser Leu Pro Asp Asp Glu Arg Ser Ser Phe Arg Ser  
 65 70 75 80  
 Ile Arg Ser Ile Thr Glu Phe Trp Lys Phe Met Glu Gly Pro Leu Ile  
 85 90 95  
 Asp Gly Leu Tyr Trp Asp Ser Trp Tyr Gly Thr Lys Gln Leu Tyr Ser  
 100 105 110  
 Val Lys Asn Ser Ser Arg Ile Tyr Tyr Glu Asn Val Leu Leu Gly Ile  
 115 120 125  
 Pro Arg Val Arg Gln Leu Arg Val Arg Asn Asn Thr Cys Lys Val Tyr  
 130 135 140  
 Pro Ala Phe Gln Ser Leu Val Ser Asp Cys Tyr Ser Lys Tyr Thr Val  
 145 150 155 160  
 Glu Asn Glu Asp Phe Ser Asp Phe Gly Leu Lys Arg Asn Pro Glu Trp  
 165 170 175  
 Thr His Thr Pro Ser Ser Arg Thr Ala Pro Trp His Trp Gly Phe Val  
 180 185 190  
 Gly Val Tyr Arg Asp Gly Gly Tyr Ile Val Thr Leu Ser Lys Ser Lys  
 195 200 205  
 Ser Glu Thr Lys Ala Lys Phe Val Asp Leu Arg Leu Asn Asn Trp Ile  
 210 215 220  
 Ser Arg Gly Thr Arg Ala Val Phe Ile Asp Phe Ser Leu Tyr Asn Ala  
 225 230 235 240  
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 260 265 270  
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 275 280 285  
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 305 310 315 320  
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 340 345 350  
 Asp Ser Tyr Pro Asp Phe Tyr Phe Leu Ala Tyr Trp His Ile Tyr Tyr  
 355 360 365

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Asn Asn Val Ile Ala Ile Thr Ile Phe Phe Ala Trp Ile Lys Ile Phe  
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 Lys Phe Ile Ser Phe Asn Glu Thr Met Ser Gln Leu Ser Ser Thr Leu  
 385 390 395 400  
 Ser Arg Cys Met Lys Asp Ile Val Gly Phe Ala Ile Met Phe Phe Ile  
 405 410 415  
 Ile Phe Ser Ala Tyr Ala Gln Leu Gly Phe Leu Val Phe Gly Ser Gln  
 420 425 430  
 Val Asp Asp Phe Ser Thr Phe Gln Asn Ser Ile Phe Ala Gln Phe Arg  
 435 440 445  
 Ile Val Leu Gly Asp Phe Asn Phe Ala Gly Ile Gln Gln Ala Asn Trp  
 450 455 460  
 Ile Leu Gly Pro Ile Tyr Phe Ile Thr Phe Ile Phe Phe Val Phe Phe  
 465 470 475 480  
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 485 490 495  
 Val Lys Ala Asp Tyr Ser Ile Gly Arg Arg Pro Asp Phe Glu Leu Gly  
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 530 535 540  
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 Ala Glu Gln Met Lys Arg Trp Lys Glu Arg Leu Glu Lys Lys Tyr Tyr  
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 Ser Thr Glu Ile Gln Asp Asp Tyr Gln Pro Val Thr Gln Gln Glu Phe  
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